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DEVELOPMENT OF THE 4-STATION BATTERY CHARGER SYSTEM

An EET Senior Design Project: A Battery Charger system capable of charging and recharging up to 4 BB-590/U 24V Nickel-Cadmium rechargeable batteries.

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April 12, 1986

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Abstract

of

4-Station Battery Charger system

by

John Tran
Senior EET student

The 4-Station Battery Charger system is used to charge and recharge up to 4 Bb-590/U 24V Nickel-Cadmium rechargeable batteries. The system consists of 4 charger circuitry boards and 4 L.E.D. rate indicator driver boards. The charger circuitry boards are designed to charge the batteries at 3 (FAST, SLOW, and NO CHARGE) modes. The L.E.D. boards are used to monitor the charging rate of the batteries, this will help to prevent the damage for the batteries.